Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 22 Dec 2023 until 23:59 on Saturday 23 Dec 2023

Forecast Issued on Thursday 21 Dec 2023 at 15:03

Confidence: High confidence for windy conditions until Boxing Day with periods of gales for the first few days, wet conditions on Friday and Saturday may make walking conditions poor with spells of poor visibility.

Headline for Friday 22 Dec 2023: Blustery showers may group to give longer spells of rain, a few brighter spells too, feeling cold on the higher tops in strong winds.

Mountain weather hazards on Friday 22 Dec 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Heavy rain showers (night)	Heavy rain showers (night)	Heavy rain showers	Heavy rain showers	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability							
20%	40%	40%	60%	60%	40%	40%	30%

Forecast for Friday 22 Dec 2023

Weather: Frequent blustery or squally showers will move through the Peak District on Friday, mostly cloudy in between showers and quite dull. Showers may cluster together to give longer spells of rain particularly in the northwest of the area. Very gusty winds around heavier showers particularly during the afternoon. Showers perhaps turning to more persistent rain through the evening.

Chance of cloud-free hill tops above 600m: 40%, low cloud associated with showers throughout the day.

Low cloud and visibility: Scattered or broken cloud above 400m can be expected throughout the day, cloud may clear briefly out with showers but as showers gather it will become more overcast. Visibility will be moderate or good out with showers but turning poor in showers temporarily.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 22 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/43 W	30/40 W	29/38 W	35/46 W	37/49 W	35/47 W	31/42 W	31/43 W	32/45 W
300	24/34 W	21/30 W	22/31 W	27/39 W	29/42 W	27/40 W	24/36 W	24/36 W	25/38 W
Valley	17/35 W	14/31 W	15/32 W	20/41 W	21/43 W	20/41 W	17/35 W	17/35 W	18/37 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-3	4/-2	5/-1	5/-1	5/-2	5/-2	5/-1	5/-1	5/-1
300	7/2	7/2	7/3	8/2	7/2	8/2	8/3	8/3	8/3
Valley	7/3	7/3	8/4	8/4	8/4	8/4	8/4	8/4	8/4
Freezing Level*	1100m	1300m	1400m	1500m	1400m	1400m	1400m	1400m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the hills in the very strong winds, especially gusty around any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 21 Dec 2023	14.7mm	19.6mm	30.6mm

Forecast for Saturday 23 Dec 2023

Weather: Showery rain expected at times during the day on Saturday with strong westerly winds continuing, gales on higher summits. The best conditions will be found in the east. Perhaps some drier conditions at times but remaining mostly cloudy and quite dull.

Maximum wind: Westerly 20-25mph gusts 35-40mph.

Chance of cloud-free hill tops above 600m: 30%, a lot of persistent low cloud particularly in the west.

Low cloud and visibility: Perhaps some cloud free tops during the morning but low cloud tending to form especially around northwestern areas towards Glossop, becoming broken with bases above 500m. Visibility will be moderate or poor for much of the day.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above all summits.

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